

Title (en)

Apparatus for precisely positioned conveying of textile sheet material

Title (de)

Vorrichtung zum positionstreu Führen von textilen Flächengebilden

Title (fr)

Appareil pour le guidage en position de matériaux textiles

Publication

EP 0727518 A1 19960821 (DE)

Application

EP 96810052 A 19960129

Priority

CH 42695 A 19950214

Abstract (en)

The mechanism to give an accurate position to the workpiece fabrics, during stitching, has a clamping peak (35) at the entry and exit sides of the precompression plate (21), with a clamping plate (33) under them. They are moved in synchronisation with the carriage (7) in the X-direction and carry the fabrics in the X-direction with them without slipping. Clamping strips (31, 32) are under the precompression plate (21), on both sides of the needle passage openings (47), moved with the carriage (7) in the X-direction. The clamping plate (33) replaces the fixed laying surface (11) between the fabric movement units (9, 10) and the precompression plate (21). The clamping plates (35) grip under the precompression plate (21) to apply pressure to the lower clamping plates (33). Sliding and guide sections (37) are at the contact surfaces of the clamping plates (35) and the precompression plate (21). The clamping strips (31) are supported by the laying surface (11), to slide on it, with their ends attached to the carriage (7). The gap (a) is adjustable between the clamping plates (33) and the precompression plate (21) to the laying surface (11). The precompression plate (21) has a vertical guide for the fabric pressers (45).

Abstract (de)

Auf der Auflagefläche (11) für das Steppgut (13) auf einer Mehrnadel-Steppmaschine sind quer zu der Transportrichtung (y) des Steppgutes zwischen den Klemmwalzen (9 und 10) Klemmbänder (31), Klemmplatten (33) und Klemmbleche (35) angebracht, welche das Steppgut in x-Richtung geklemmt und synchron zur Verschiebung der Klemmwalzen (9 und 10) mitführen und halten. Die Klemmbänder (31) und Klemmplatten (33) und Klemmbleche (35) sind am Wagen (7), der die Klemmwalzen (9 und 10) trägt, befestigt. <IMAGE>

IPC 1-7

D04H 18/00; **D05B 11/00**

IPC 8 full level

D04H 18/00 (2006.01); **D05B 11/00** (2006.01)

CPC (source: EP US)

D04H 18/00 (2013.01 - EP US); **D04H 18/02** (2013.01 - EP US); **D05B 11/00** (2013.01 - EP US)

Citation (search report)

- [A] US 3385246 A 19680528 - KURT SCHLEGEL
- [A] FR 2094081 A1 19720204 - ANGLEITNER O

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0727518 A1 19960821; US 5685249 A 19971111

DOCDB simple family (application)

EP 96810052 A 19960129; US 58892596 A 19960119